THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) No, Sir.

(b) In view of (a) above, does not arise.

(c) National Thermal Power Corporation's (NTPC) Corporate Plan prepared in 1998 envisaged fresh capacity addition programme of about 20000 MW by 2012. During 10th Plan period, NTPC has planned to add 9160 MW of new capacity. Presently, 4800 MW of projects are under execution by NTPC. Capacity addition in 10th Plan is being closely monitored and NTPC has an exemplary track record of executing projects on time.

Potential of hydel power generation in NER

1495. SHRI LALITBHAI MEHTA: Will the Minister of POWER be pleased to state:

(a) the potential of Hydel Power Generation of North-Eastern Region;

(b) what steps are taken to promote Hydel Power Projects in these States; and

(c) whether the Planning Commission while fixing the targets for Tenth Plan for power generation has taken into consideration the potential of hydro-power generation of these States?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (c) Government of India has introduced three-stage development of hydro-electric projects in the Central Sector with the object of reducing time and cost overruns during the implementation of these projects. A basin-wise 'Ranking Study' of all the balance hydroelectric potential has been carried out by the Central Electricity Authority (CEA). The Ranking Study gives *inter-se* prioritisation of the projects which could be considered for further implementation including their survey & investigation so that hydro power development is carried out in an appropriate sequence. In the re-assessment studies carried out by Central Electricity Authority from 1978-87, the identified hydro capacity of North Eastern region has been estimated as 58971 MW. Out of the above, 1070 MW of the identified potential has been harnessed so far while another 379 MW

is under construction after investment approval. The State-wise estimated hydro electric potential of North-Eastern region and the status of development is given below.

Region/State	Identified capacity as per Reassessment study	Capacity developed	Capacity under construction	Capacity under development in second stage of three stage process by CPSUs
	(MW)	(MW)	(MW)	(MW)
Meghalaya	2394	185	84	0
Tripura	15	15	0	0
Manipur	1784	105	90	0
Assam	680	250	145	0
Nagaland	1574	99	0	0
Ar. Pradesh	50328	416	0	2600
Mizoram	2196	0	60	0
Total	58971	1070	379	2600

Planning Commission, while fixing targets for Tenth Five Year Plan for Power generation capacity has taken into account, the demand availability data, hydro-electric potential in the N.E. Region as well as State. A target of 349 MW hydro capacity (Statement-I) has been fixed for the Tenth Five Year Plan in North Eastern Region subject to availability of financial resources and the status of the projects.

Government of India is according high priority to the development of hydro-electric projects in the country including the North Eastern Region. The hydro-electric projects beign executed under Central Sector, State Sector and Private Sector are being regularly monitored at various levels. In addition to the capacity 379 MW under construction (Statement-II), 5 hydro-electric schemes of 4390 MW have been cleared/appraised by CEA for investment sanction in the North Eastern Region (Statement-III). A number of projects including Subansiri Middle (1600 MW), Subansiri Upper (2000 MW), Siang Lower (1700 MW), Siang Middle (1000 MW) and Siang Upper (11000 MW) in Arunachal Pradesh are under various stages of survey &

investigation for preparation of DPR by NHPC. Similarly, Ranganadi HEP-II (130 MW) and Dibang (100 MW) in Arunachal Pradesh and Lower Kopili (150 MW) in Assam are being pursued by NEEPCO. The benefits from these projects would accrue in 11th Plan and subsequent Plans.

Statement-I

Hydro projects have been included in N.E. Region for benefits during the Tenth Five year Plan Period

Sl. No.	Name of Project/State	Installed Capacity (MW)
1.	Kopili-II (NEEPCO)/Assam	25
2.	Karbi Langpi (ASEB)/Assam	100
3.	Tuirial (NEEPCO)/Mizoram	60
4.	Bairabi/Mizoram	80
5.	Myntdu-I/Meghalaya	84
	Total	349

Statement-II

Hydro-Electric Schemes under Construction in North Eastern Region

Sl. No.	Scheme	Sector	Capacity under construction (MW)
Assam			
1.	Karbi Langpi	State sector	100
2.	Dhansiri	-do-	20
3.	Kopilli-II	NEEPCO	25
Meghalaya			
1.	Myndtu	State sector	84
Nagaland			
Mizoram			
1.	Tuirial	NEEPCO	60
Manipur			
1.	Loktak Downstream	NHPC	90
	Total		379

Statement-III

List Of Schemes Cleared/Appraised By Cea And Awaiting Investment Sanction In N.e. Region

(As on 19.02.2003)

Sl. No.	Name of Scheme	State	I.C. (MW)	CEA cleared cost (Rs. Crores)	Date of CEA clearance
1.	Kameng	Ar. Pradesh	4x150	2795.11 (Completed)	06.04.2000*
2.	Tuivai	Mizoram	3x70	1258.84 (Completed)	19.02.1999**
3.	Bairabi Dam	Mizoram	2x40	549.43 (Completed)	09.11.2000
4.	Subansiri Lower	Ar. Pradesh	8x250	US$39.648M +R. 6418/37 (Dec., 2002PL)	13.01.2003
5.	Tipaimukh	Manipur	6x250	5163.86	20.01.2003***
		Total	4390		

* Investment approval for Stage-II (detailed investigation and pre-construction activities) accorded on 08.01.2002 at a cost of Rs. 94.54 crores.

** Revised financial package submitted by NEEPCO. Certain clarifications awaited from NEEPCO.

*** Appraised by CEA, Techno Economic Clearance (TEC) after fulfilment of certain conditions.

Separate entity to monitor flow of electricity

1496. SHRI P. PRABHAKAR REDDY: Will the Minister of POWER be pleased to state:

(a) whether the Government is considering a proposal to create a separate entity to monitor the flow of electricity from the National Electricity Transmission Utility;

(b) if so, the details thereof and reasons therefor;

(c) whether the proposed agency is being empowered to control discipline and eliminate the threats of major blackouts; and

(d) by when the new system is likely to be put in place?